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MPD-LES-LBS.FUS-3P3W-5W-12.47KV-600A.200A-12.5K-FX-PM-BEBE-N4X.SS-LF

5-Way Pad-Mounted Switch — Loadbreak/Fusible Configuration, 12.47kV Class, 600A, 12.5kAIC, Envirotemp E200 Fluid-Insulated, 304L Stainless Steel, NEMA 4X

Product ID: 344522

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MPD-LES-LBS.FUS-3P3W-5W-12.47KV-600A.200A-12.5K-FX-PM-BEBE-N4X.SS-LF

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MPD-LES-LBS.FUS-3P3W-5W-12.47KV-600A.200A-12.5K-FX-PM-BEBE-N4X.SS-LF 5-Way Pad-Mounted Switchgear

Unit Type: 5-Way Pad-Mounted Switchgear, Loadbreak Switched / Fusible-Protected Configuration

Made in the USA

Configuration: 3-Phase, 3-Wire
Application: Underground loop-feed backbone/point-of-connection switching
Nominal Voltage: 12.47kV (15kV Class)
Interrupting Rating: 12.5kA (Vacuum Fault Interrupting Rating)

Frequency: 60Hz

Mounting Style: Fixed Type, Pad-Mounted, Front Mounted, Front Operated, Single Sided
Cable Entry: Bottom Entry / Bottom Exit

Way Configuration (5-Way)

Way 1: Vacuum Switch, Loadbreak, Visible Break, 600A, Dead-Break Elbow, Semaphore

Way 2: Vacuum Switch, Loadbreak, Visible Break, 600A, Dead-Break Elbow, Semaphore
Way 3: Vacuum Switch, Loadbreak, Visible Break, 600A, Dead-Break Elbow, Semaphore
Way 4: Vacuum Switch, Loadbreak, Visible Break, 600A, Dead-Break Elbow, Semaphore

Way 5: Fusible Fault Interruption, Visible Break, 200A, Load-Break Elbow, Semaphore

Features of Every Assembly

Full-Size Operator Viewing Window, Each Way
Visible Break, Each Way
Semaphore Position Indicator, Each Way
Fluid-Insulated (Envirotemp E200, Less-Flammable Dielectric Fluid)
Fault/Blown-Fuse Indicator, Fusible Way (Way 5)
No Key Interlocks (Open Access Operation)

Ratings & Approvals

Designed in accordance with applicable ANSI/IEEE C37.20 series
ANSI C57.12.28 pad-mount enclosure standards
Complies with NFPA 70 (NEC) and IEEE C2 (NESC)
UL / NRTL Listed
Grounding: ½" Round Copper Ground Rods, complying with applicable NEC and local electrical codes

Construction
304L Stainless Steel Enclosure, NEMA 4X Rated
Standard Bell Green Finish
Outdoor Pad-Mounted, Tamper-Resistant Enclosure Construction
Fluid-Insulated Compartment, Envirotemp E200 Dielectric Fluid
Bus: Two 600A Bus Sections

Dimensions & Shipping
Overall Dimensions: 105"W × 39.3"D × 72.5"H (estimated)
Approximate Weight: 3,600 lbs (estimated)
Shipping Dimensions: TBD
Shipping Weight: TBD

Shipping
Shipped on pallet or skid
Crated shipment available upon request
Final shipping configuration subject to approved design

Special Features
Stainless Steel Construction, Standard Bell Green Finish, E200 Fluid Insulation, Loadbreak/Fusible Way Configuration, Semaphore Indicators Each Way, ½" Copper Ground Rod Provisions

Special Orders – Special Requirements
Contact us for special requirements

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Customer Compliance
Final arrangements, sizes, ratings, settings, configuration, and installation details will be finalized during detailed engineering review and customer approval prior to release for manufacture.

Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and applicable drawings.

Made in the USA

The MPD-LES-LBS.FUS-3P3W-5W-12.47KV-600A.200A-12.5K-FX-PM-BEBE-N4X.SS-LF from Larson Electronics is a 5-way pad-mounted switchgear engineered for underground loop-feed backbone switching and sectionalizing at 12.47kV (15kV class). Built in a NEMA 4X 304L stainless steel enclosure finished in standard Bell Green, with fluid-insulated construction, this unit combines four dedicated loadbreak switched ways with one fusible-protected way to provide reliable source switching, sectionalizing, and fault protection for underground distribution loops.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS*

This switchgear provides operators with visible-break isolation across a five-way, single-sided, front-mounted and front-operated configuration, supporting both backbone loop connections and a downstream feeder circuit from a single pad-mounted enclosure. Each way is equipped with a full-size viewing window for direct visual confirmation of switch position, and a semaphore indicator for switch-position status.

Way Configuration

The unit is arranged with five ways: four ways are equipped with 600A vacuum loadbreak switches with visible break and dead-break elbow connections, serving the backbone loop source connections. One way is equipped with a 200A fusible fault interruption device with visible break and load-break elbow connections, serving a downstream feeder circuit. Each way includes a semaphore for direct visual confirmation of switch position.

Construction
The enclosure is fabricated from 304L stainless steel, rated NEMA 4X for outdoor pad-mounted service, finished in standard Bell Green, and built to tamper-resistant pad-mount enclosure standards. The switching compartment is fluid-insulated using Envirotemp E200 dielectric fluid. The bus is arranged in two 600A sections. No key interlocks are provided on this unit; all ways are operable through open access per the switch's visible-break design.

Cable Entry
Bottom entry and bottom exit cable arrangement, consistent with standard underground pad-mounted switchgear installation practice.

Grounding
This unit is provisioned with ½" round copper ground rods, complying with applicable NEC and local electrical code requirements.

Ratings & Approvals
This equipment is rated for a 12.5kA vacuum fault interrupting rating, and is designed in accordance with applicable ANSI/IEEE C37.20 series and ANSI C57.12.28 pad-mount enclosure standards, NFPA 70 (NEC), and IEEE C2 (NESC). The unit is UL/NRTL listed.

Applications
Underground loop-feed distribution systems, backbone circuit switching, campus and facility electrical distribution, and sectionalizing applications requiring fluid-insulated, non-gas switchgear construction.

Customer Compliance
Final arrangements, sizes, ratings, settings, configuration, and installation details will be finalized during detailed engineering review and customer approval prior to release for manufacture.

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At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at

800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

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